

## **Step 2: DOT Job Aid**

Use the decision tree below to help you classify your substance if shipping by motor vehicle courier/ground in accordance with Hazardous Materials Regulations (HMR). Use the IATA job aid for packages sent by air.



Is it known NOT to contain an infectious substance?

Are the micro-organisms present non-pathogenic to humans and animals?

Have the pathogens present been neutralized or inactivated so they no longer pose a health risk?

Is it an environmental sample (e.g., food or water) that is not considered to pose a significant health risk?

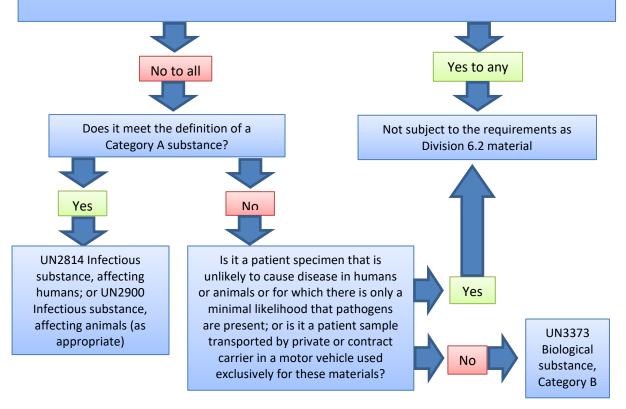
Is it a biological product or a biological material (e.g., blood product, tissue, or organ) subject to US Department of Health and Human Services or US Department of Agriculture regulation?

Is it a dried bloodspot or fecal occult blood?

Is it laundry or medical equipment, or a used health care product that conforms to 29 CFR 1910.1030?

Is it forensic material that complies with US, state, local, or Indian tribal government regulations?

Is it an agricultural product or food defined under the federal Food, Drug, and Cosmetics Act?



## **DOT Category A Indicative List**

The following list is not exhaustive. Infectious substances, including new or emerging pathogens, which do not appear in the list, but which meet the same criteria, must be assigned to Category A. In addition, if there is doubt as to whether a substance meets the criteria it must be included in Category A.

**UN2814** Infectious substance,

affecting humans

Bacillus anthracis (cultures only)
Brucella abortus (cultures only)

Brucella melitensis (cultures only)

Brucella suis (cultures only)

Burkholderia mallei – Pseudomonas mallei –

Glanders (cultures only)

Burkholderia pseudomallei – Pseudomonas

pseudomallei (cultures only)

Chlamydia psittaci – avian strains (cultures only)

Clostridium botulinum (cultures only) Coccidioides immitis (cultures only) Coxiella burnetii (cultures only)

Crimean-Congo hemorrhagic fever virus

Dengue virus (cultures only)

Eastern equine encephalitis virus (cultures only)

Escherichia coli, verotoxigenic (cultures only)

Ebola virus Flexal virus

Francisella tularensis (cultures only)

Guanarito virus Hantaan virus

Hantavirus causing hemorrhagic fever with renal

syndrome Hendra virus

Herpes B virus (cultures only)

Human immunodeficiency virus (cultures only) Highly pathogenic avian influenza virus (cultures

only)

Japanese Encephalitis virus (cultures only)

Junin virus

Kyasanur Forest disease virus

Lassa virus Machupo virus Marburg virus Monkeypox virus

Mycobacterium tuberculosis (cultures only)

Nipah virus

Omsk hemorrhagic fever virus

Poliovirus (cultures only)

Rabies and other lyssaviruses (cultures only)

Rickettsia prowazekii (cultures only) Rickettsia rickettsii (cultures only) Rift Valley fever virus (cultures only)

Russian spring-summer encephalitis virus (cultures

only)

Sabia virus

Shigella dysenteriae type 1 (cultures only)

Tick-borne encephalitis virus (cultures only)

Variola virus

Venezuelan equine encephalitis virus (cultures only)

Vesicular stomatitis virus (cultures only)

West Nile virus (cultures only)
Yellow fever virus (cultures only)
Yersinia pestis (cultures only)

**UN2900** Infectious substance, affecting animals

African swine fever virus (cultures only)

Avian paramyxovirus Type 1 – Velogenic Newcastle

disease virus (cultures only)

Classical swine fever virus (cultures only)
Foot and mouth disease virus (cultures only)
Lumpy skin disease virus (cultures only)
Mycoplasma mycoides – Contagious bovine

pleuropneumonia (cultures only)

Peste des petits ruminant's virus (cultures only)

Rinderpest virus (cultures only) Sheep-pox virus (cultures only) Goatpox virus (cultures only)

Swine vesicular disease virus (cultures only)

This job aid is a component of the free, on-demand CDC training course "Packing and Shipping Dangerous Goods: What the Laboratory Staff Must Know." Find the course at https://reach.cdc.gov/training.